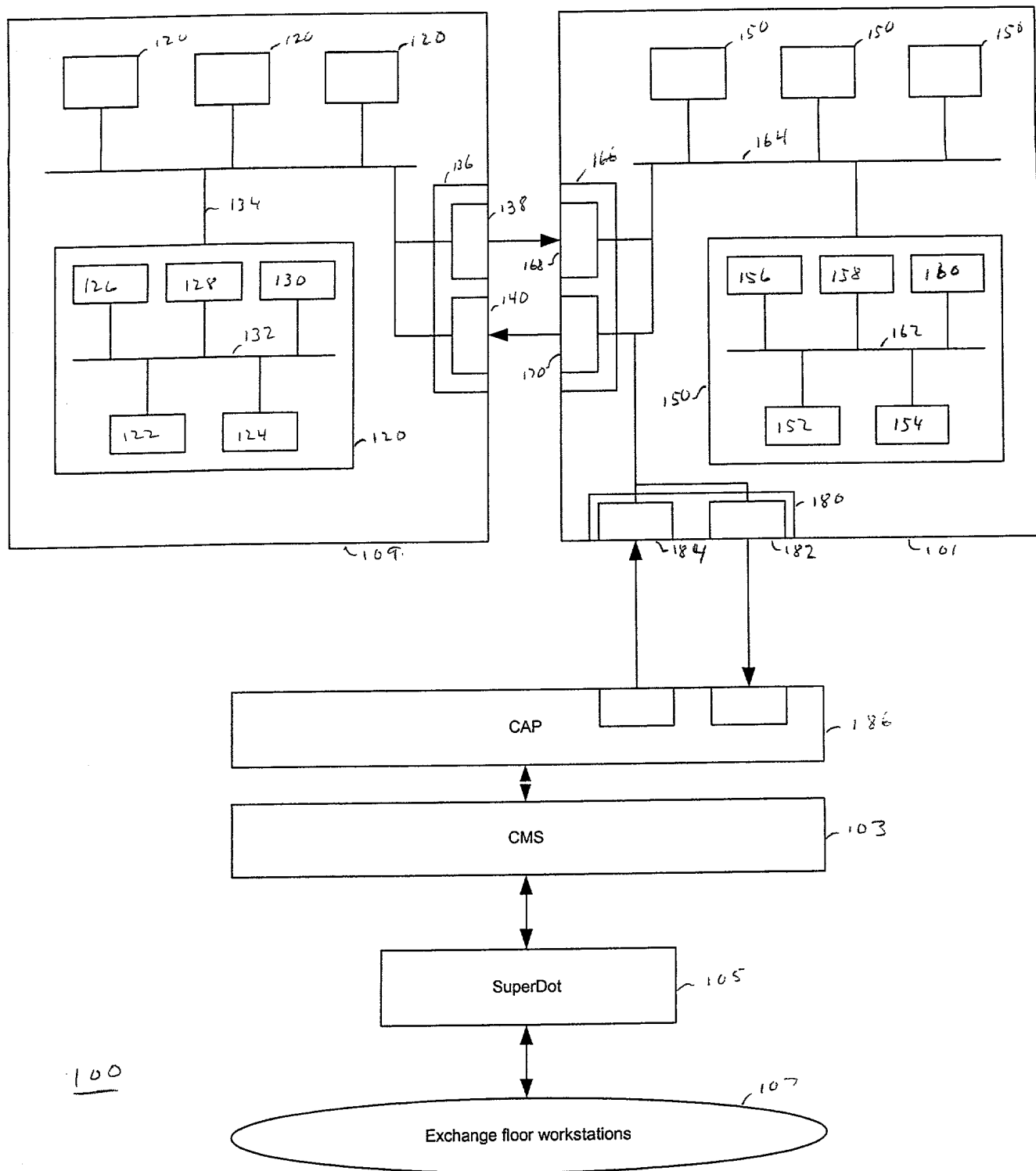


FIG. 1



**FIG. 1**  
(Prior Art)

FIG. 2

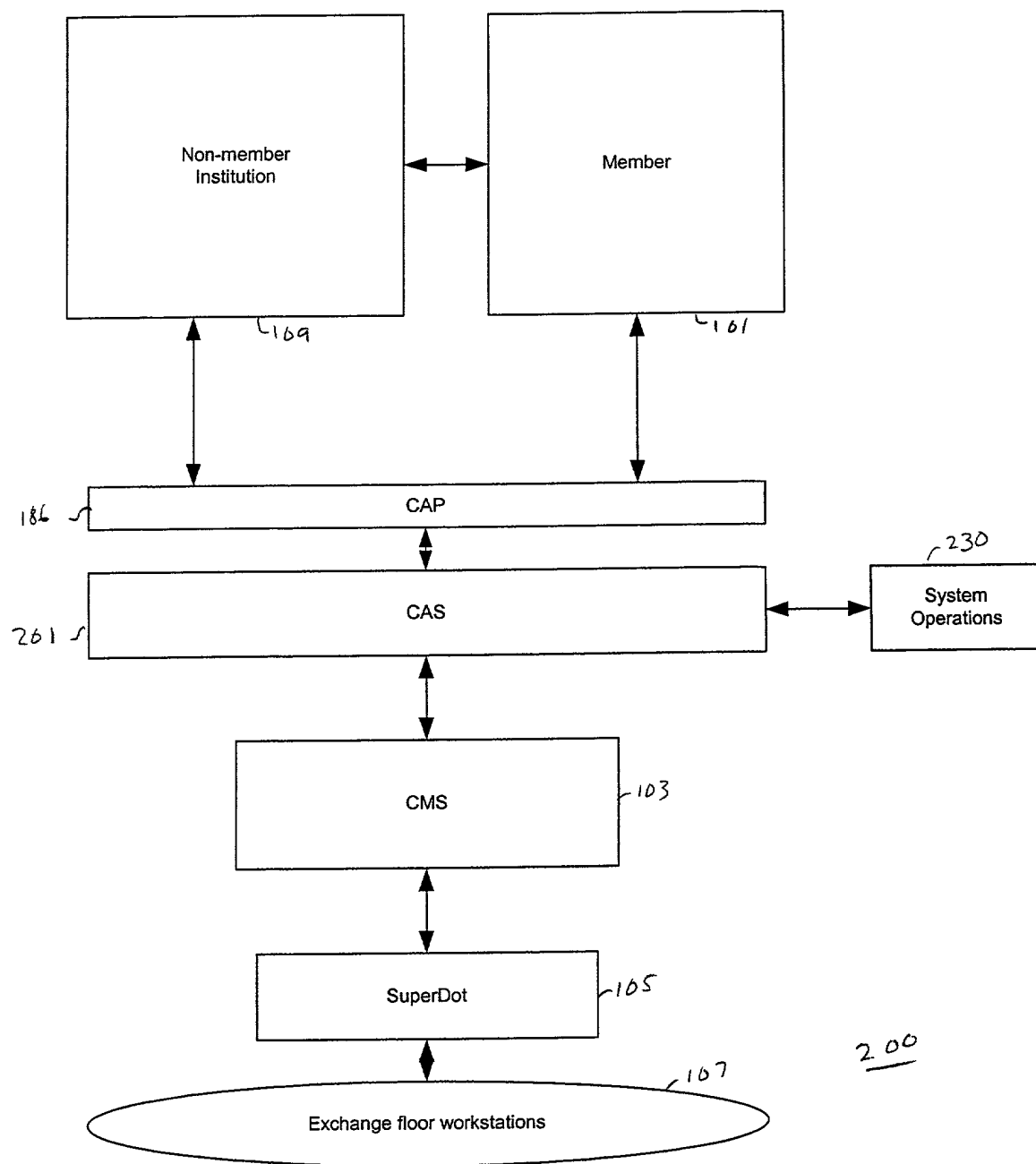


FIG. 2

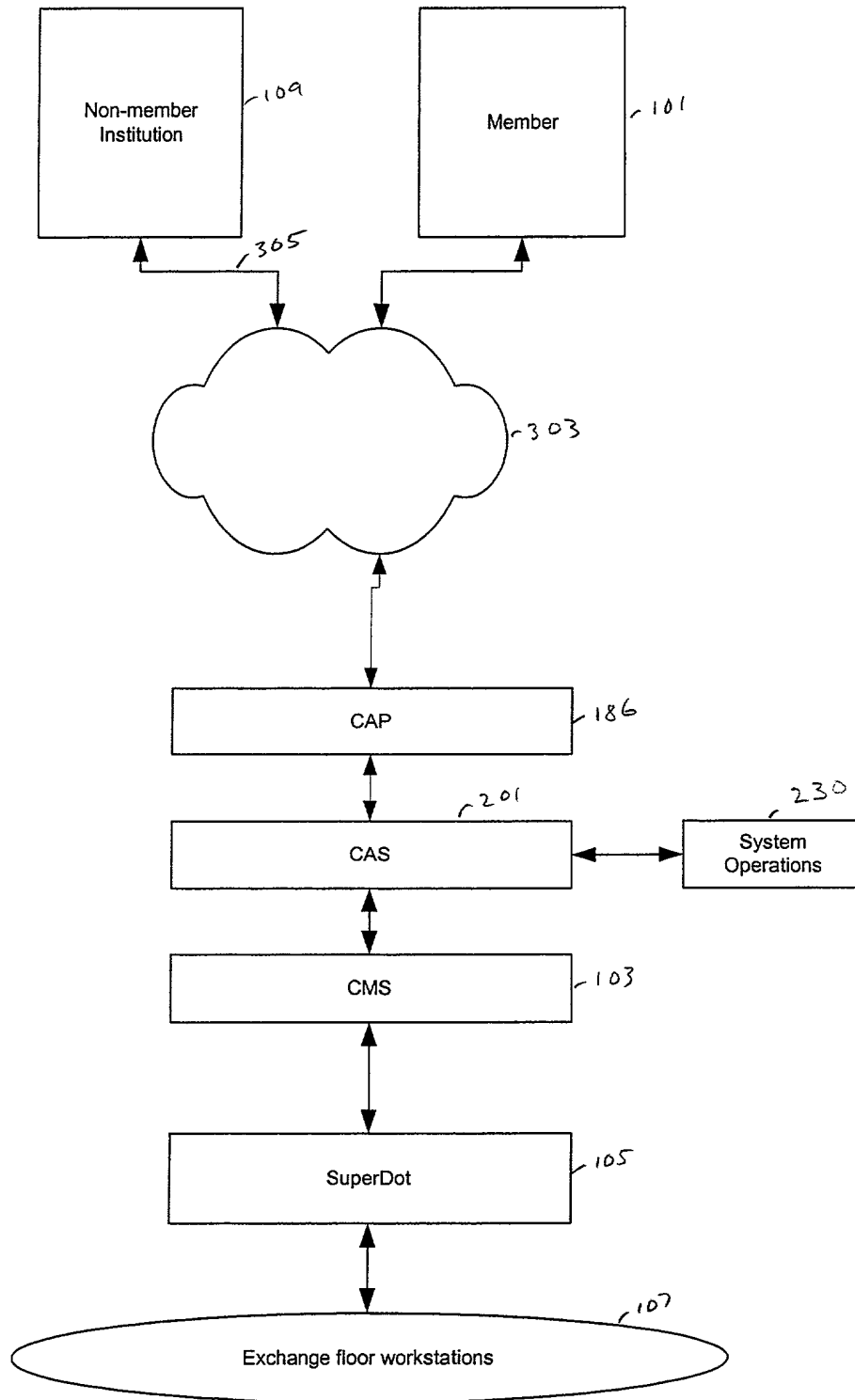


FIG. 3

200

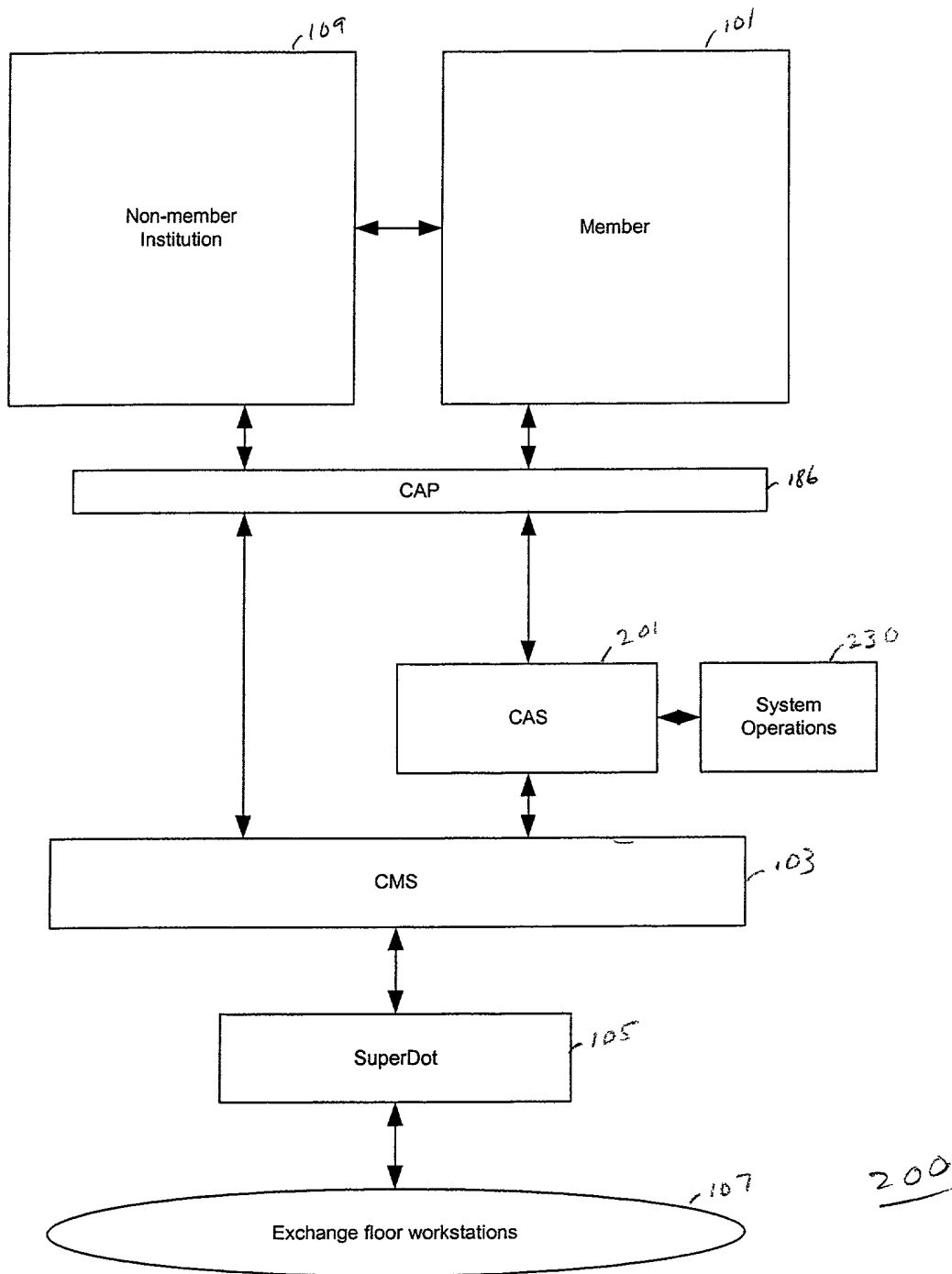
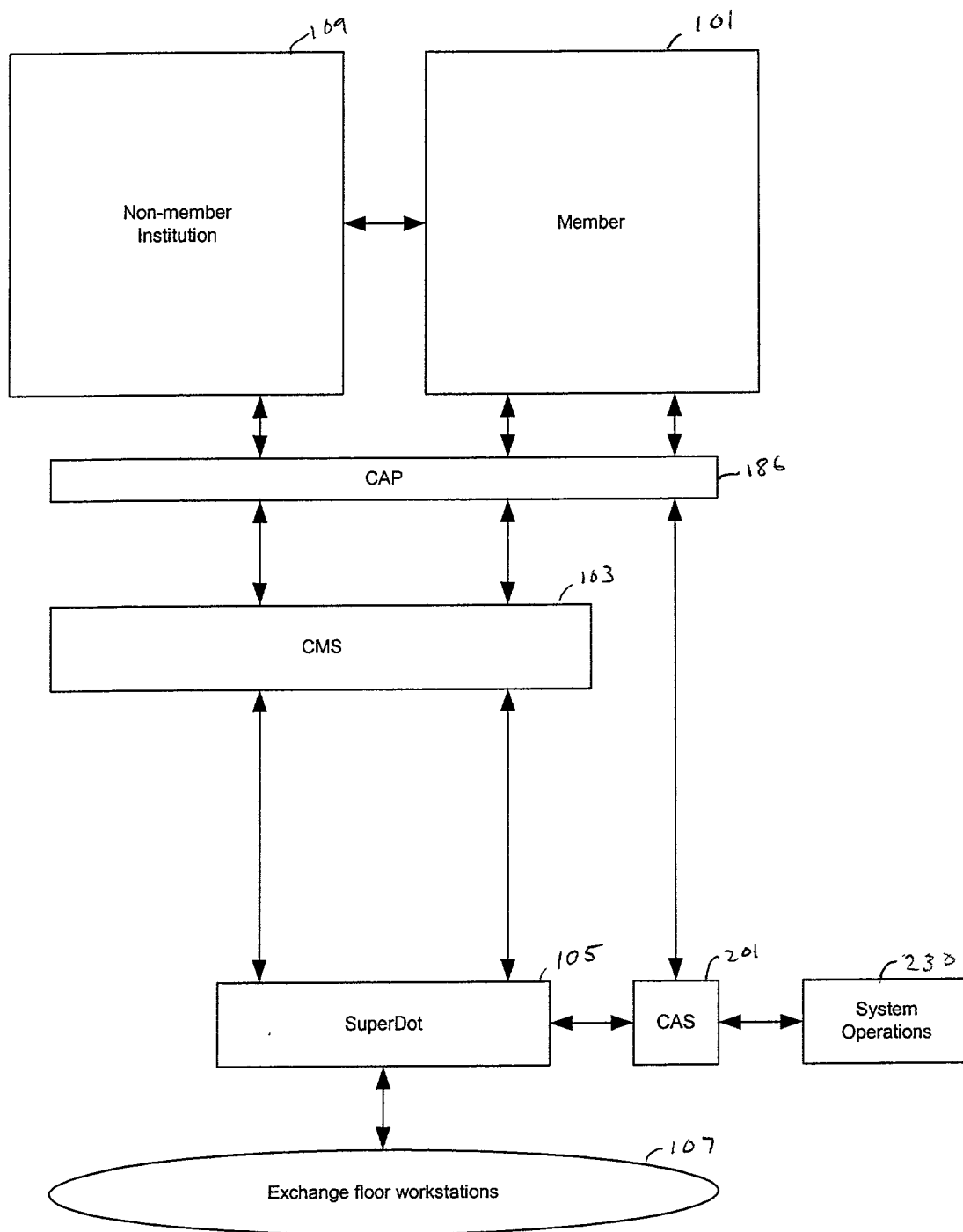


FIG. 4 A



**FIG. 4B**

FIG. 5

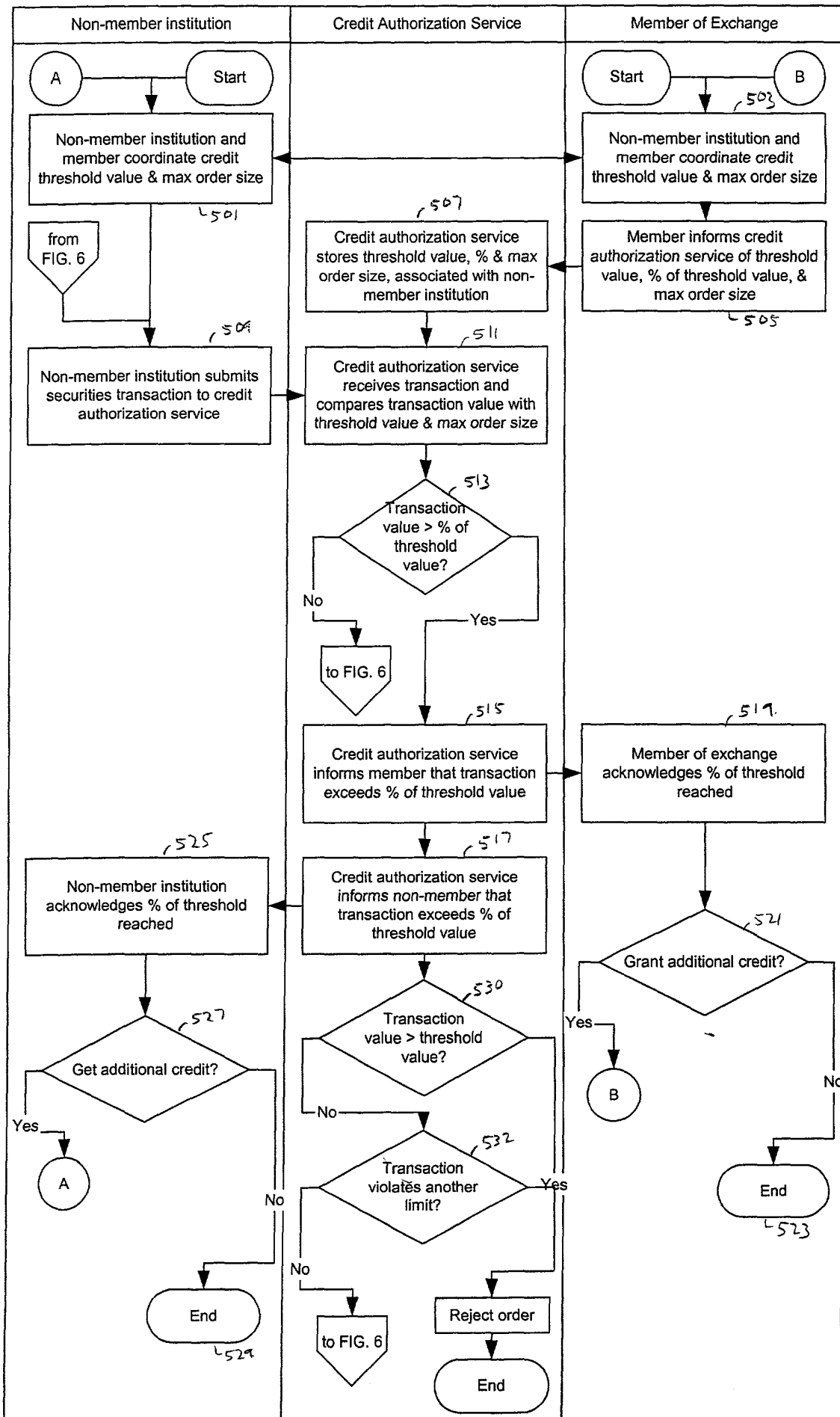
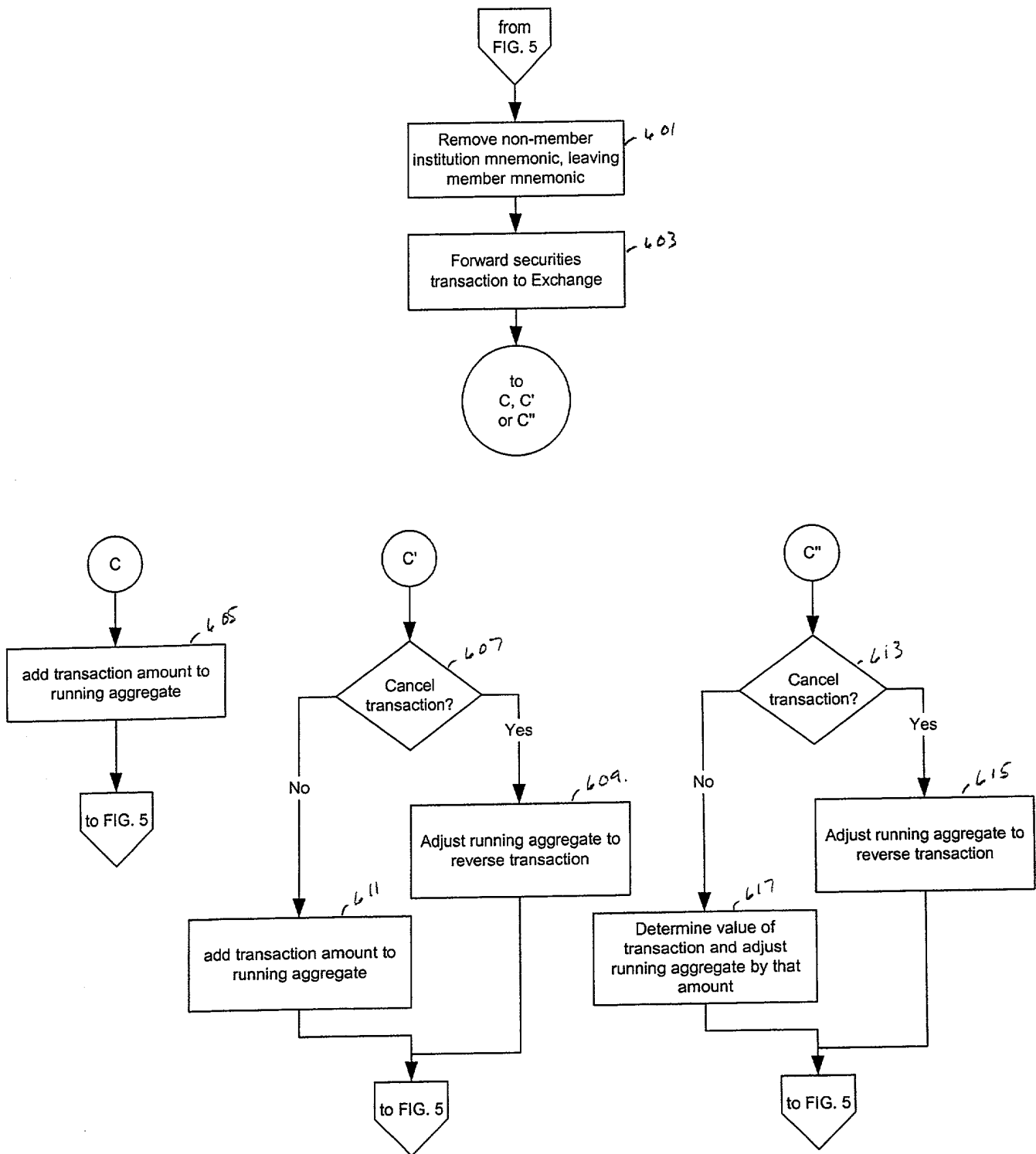


FIG. 6

FIG. 6



|     | 701                       | 703                    | 705                              | 707                            | 709                | 711     | 713                  |
|-----|---------------------------|------------------------|----------------------------------|--------------------------------|--------------------|---------|----------------------|
|     | non-member<br>institution | non-member<br>mnemonic | sponsoring<br>exchange<br>member | exchange<br>member<br>mnemonic | threshold<br>value | % alert | max<br>order<br>size |
| 715 | instA                     | INA                    | member1                          | MEM1                           | 1000               | 75%     | 250                  |
|     | instB                     | INB                    | member1                          | MEM1                           | 300                | 80%     | 400                  |
|     | instC                     | INC                    | member1                          | MEM1                           | 1500               | 100%    | 300                  |
|     | privA                     | PRIVA                  | member1                          | MEM1                           | 5000               | 95%     | 100                  |
| 715 | instA                     | INA                    | member2                          | MEM2                           | 4300               | 100%    | 2000                 |
|     | instD                     | IND                    | member2                          | MEM2                           | 5800               | 100%    | 9999                 |
|     | privB                     | PRIVB                  | member2                          | MEM2                           | 1000               | 50%     | 60                   |
|     | instE                     | INE                    | member3                          | MEM3                           | 1000               | 65%     | 200                  |

FIG. 7

FIG. 7



|   |                            |         |         |
|---|----------------------------|---------|---------|
| Limit order reconciled according to absolute value of transaction price |                            |         |         |
| 800   | Trading Day                | 206     |         |
| 801   | non-member institution     | instB   |         |
| 803   | non-member mnemonic        | INB     |         |
| 805   | sponsoring exchange member | member1 |         |
| 807   | exchange member mnemonic   | MEM1    |         |
| 809   | threshold value            | 300     |         |
| 811   | percentage alert           | 80.00%  |         |
|   | alert value                | 240     |         |
| 813   | Beginning aggregate        | 185     |         |
|   | Transaction(s)             | actual  | applied |
|   | Buy                        | 20      | 205     |
|   | Sell                       | -10     | 215     |
|   | Buy                        | 5       | 220     |
|   | Buy                        | 6       | 226     |
|   | Buy                        | 6       | 232     |
|   | Sell                       | -5      | 237     |
|   | Sell                       | -4      | 241     |
|   | Cancel sell                | 4       | 245     |
|   | Buy                        | 3       | 248     |
|   | Sell                       | -2      | 250     |
|   | Sell                       | -1      | 251     |
|   | Sell                       | -10     | 261     |
|   | Buy                        | 2       | 263     |
|   | Buy                        | 1       | 264     |
|   | netted total               | 15      |         |
|   | applied total              |         | 79      |

FIG 8

825

|  |         |         |     |
|--|---------|---------|-----|
| Limit order reconciled according to absolute value of limit price, with cancel reverse |         |         |     |
| Trading Day  | 206     |         |     |
| non-member institution   | instB   |         |     |
| non-member mnemonic  | INB     |         |     |
| sponsoring exchange member   | member1 |         |     |
| exchange member mnemonic   | MEM1    |         |     |
| threshold value  | 300     |         |     |
| percentage alert   | 80.00%  |         |     |
| alert value  | 240     |         |     |
|  |         |         |     |
| Beginning aggregate  | 185     |         |     |
|  |         |         |     |
| Transaction(s)   | actual  | applied |     |
|  |         |         |     |
| Buy  | 20      | 20      | 205 |
| Sell   | -10     | 10      | 215 |
| Buy  | 5       | 5       | 220 |
| Buy  | 6       | 6       | 226 |
| Buy  | 6       | 6       | 232 |
| Sell   | -5      | 5       | 237 |
| Sell   | -4      | 4       | 241 |
| Cancel sell  | 4       | -4      | 237 |
| Buy  | 3       | 3       | 240 |
| Sell   | -2      | 2       | 242 |
| Sell   | -1      | 1       | 243 |
| Sell   | -10     | 10      | 253 |
| Buy  | 2       | 2       | 255 |
| Buy  | 1       | 1       | 256 |
|  |         |         |     |
| netted total   | 15      |         |     |
| applied total  |         | 71      |     |

FIG. 9

| Market Orders reconciled according to execution price |         |         |     |
|---|---------|---------|-----|
| Trading Day   | 206     |         |     |
| non-member institution                                | instB   |         |     |
| non-member mnemonic                                   | INB     |         |     |
| sponsoring exchange member                            | member1 |         |     |
| exchange member mnemonic                              | MEM1    |         |     |
| threshold value                                       | 300     |         |     |
| percentage alert                                      | 80.00%  |         |     |
| alert value   | 240     |         |     |
|   |         |         |     |
| Beginning aggregate                                   | 185     |         |     |
|   |         |         |     |
| Transaction(s)  | actual  | applied |     |
|   |         |         |     |
| Buy   | 20      | 20      | 205 |
| Sell  | -10     | -10     | 195 |
| Buy   | 5       | 5       | 200 |
| Buy   | 6       | 6       | 206 |
| Buy   | 6       | 6       | 212 |
| Sell  | -5      | -5      | 207 |
| Sell  | -4      | -4      | 203 |
| Cancel sell   | 4       | 4       | 207 |
| Buy   | 3       | 3       | 210 |
| Sell  | -2      | -2      | 208 |
| Sell  | -1      | -1      | 207 |
| Sell  | -10     | -10     | 197 |
| Buy   | 2       | 2       | 199 |
| Buy   | 1       | 1       | 200 |
|   |         |         |     |
| netted total  | 15      |         |     |
| applied total   |         | 15      |     |

FIG. 10

| T+3 Reconcile |               |                           |               |                                 |
|---------------|---------------|---------------------------|---------------|---------------------------------|
| Trading Day   | Daily applied | Beginning + daily applied | Reconcile T-3 | aggregate beginning on next day |
| ...           |               |                           |               | 0                               |
| 200           | 100           | 100                       | 0             | 100                             |
| 201           | 60            | 160                       | 0             | 160                             |
| 202           | 80            | 240                       | -100          | 140                             |
| 203           | 50            | 190                       | -60           | 130                             |
| 204           | 90            | 220                       | -80           | 140                             |
| 205           | 95            | 235                       | -50           | 185                             |
| 206           | 79            | 264                       | -90           | 174                             |
| 207           |               |                           |               |                                 |

FIG. 11

| T+1 Reconcile |               |                           |               |                                 |
|---------------|---------------|---------------------------|---------------|---------------------------------|
| Trading Day   | Daily applied | Beginning + daily applied | Reconcile T-1 | aggregate beginning on next day |
| ...           |               |                           |               | 0                               |
| 200           | 100           | 100                       | -100          | 0                               |
| 201           | 60            | 60                        | -60           | 0                               |
| 202           | 80            | 80                        | -80           | 0                               |
| 203           | 50            | 50                        | -50           | 0                               |
| 204           | 90            | 90                        | -90           | 0                               |
| 205           | 95            | 95                        | -95           | 0                               |
| 206           | 79            | 79                        | -79           | 0                               |
| 207           |               |                           |               |                                 |

FIG. 12